

Figure 1 (Prior Art)

10 →

EMPLOYEE			
Employee Name	Social Security #	Address	Salary
Johnson	100-10-1000	Minneapolis	50,000
Anderson	200-20-2000	Milwaukee	
Rodriguez	300-30-3000	Cleveland	30,000

Figure 2 (Prior Art)

40 →

PROJECT	
Project Name	Project Size
Red	Large
Yellow	Medium
Green	Small

Figure 3 (Prior Art)

60 →

EMPLOYEE PROJECT	
Project Name	Employee Name
Red	Johnson
Red	Anderson
Yellow	Rodriguez
Green	Rodriguez

Figure 4

100 →

O	E	A	V
Entity Instance Identifier	Entity Type Identifier	Attribute Type Identifier	Attribute Value

Figure 5

100 →

O	E	A	V
Object ID	Employee	Salary	50,000

100-10-1000

Figure 6

				102	104	106	108
				O	E	A	V
101	1	Employee	Employee Name	Johnson	100		
	1	Employee	Social Security	100-10-1000			
	1	Employee	Address	Minneapolis			
	1	Employee	Salary	50,000			
101	2	Employee	Employee Name	Anderson			
	2	Employee	Social Security	200-20-2000			
	2	Employee	Address	Milwaukee			
101	3	Employee	Employee Name	Rodriguez			
	3	Employee	Social Security	300-30-3000			
	3	Employee	Address	Cleveland			
	3	Employee	Salary	30,000			
101	20	Project	Project Name	Red			
	20	Project	Size	Large			
101	21	Project	Project Name	Yellow			
	21	Project	Size	Medium			
101	22	Project	Project Name	Green			
	22	Project	Size	Small			

Figure 7

		O	E	A	V
100	→	1	Employee	First Name	Sue
100	→	1	Employee	Spouse	Joe
100	→	1	Employee	Title	President

FIG. 8

